What is claimed is:

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- 1. A look-ahead decision feedback equalizing receiver comprising:
- an equalizing block for amplifying a high-frequency component of an external data signal fed thereto in response to a predetermined first input signal and a predetermined second input signal, to provide a first equalized external data signal and a second equalized external data signal, respectively;
 - a clock synthesizer for outputting a plurality of sampling clocks, a timing thereof being adjusted by receiving an external clock synchronized with the external data signal;
 - an over-sampler for over-sampling the first equalized external data signal and the second equalized external data signal in synchronization with the sampling clocks;
 - a MUX block for multiplexing the outputs of the over-sampler in response to preceding outputs of the MUX block, which serve as select signals for the MUX block, to thereby attain MUX decision results; and
 - a phase detector for deciding the timing of the sampling clocks by analyzing the MUX decision results.
- 25 2. The look-ahead decision feedback equalizing receiver of claim 1, wherein the equalizing block includes:

- a first equalizing amplifier, to which the predetermined first input signal is fed, for providing the first equalized external data signal; and
- a second equalizing amplifier, to which the predetermined second input signal is fed, for providing the second equalized external data signal;

and the over-sampler includes:

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an over-sampler even and an over-sampler odd, to which both the first equalized external data signal and the second equalized external data signal are fed, respectively.

3. The look-ahead decision feedback equalizing receiver of claim 1, wherein the equalizing block includes:

an equalizing block even and an equalizing block odd, having а first equalizing equalizing block even the amplifier, to which the predetermined first input signal is fed, for providing the first equalized external data signal equalizing amplifier, to which the second and а predetermined second input signal is fed, for providing the second equalized external data signal, and the equalizing block odd having a third equalizing amplifier, to which the predetermined first input signal is fed, for providing the first equalized external data signal and a fourth equalizing amplifier, to which the predetermined second input signal is fed, for providing the second equalized external signal;

and the over-sampler includes:

an over-sampler even to which the outputs of the first and the second equalizing amplifier are fed; and

an over-sampler odd to which the outputs of the third and the fourth equalizing amplifier are fed.

4. The look-ahead decision feedback equalizing receiver of claim 2, wherein the over-sampler even over-samples the first equalized external data signal and the second equalized external data signal in synchronization with a 0° and a 90° phase sampling clocks, and the over-sampler odd over-samples the first equalized external data signal and the second equalized external data signal in synchronization with the 90° and a 180° phase sampling clocks.

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5. The look-ahead decision feedback equalizing receiver of claim 3, wherein the over-sampler even over-samples the outputs of the first and the second equalizing amplifiers in synchronization with a 0° and a 90° phase sampling clocks, and the over-sampler odd over-samples the outputs of the third and the fourth equalizing amplifiers in synchronization with the 90° and a 180° phase sampling clocks.

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6. The look-ahead decision feedback equalizing receiver of claim 4, wherein the MUX block includes:

a MUX even for multiplexing the outputs of the oversampler even in accordance with a first select signal from the MUX odd to thereby select first MUX decision results among the outputs of the over-sampler even; and

a MUX odd for multiplexing the outputs of the oversampler odd in accordance with a second select signal from the MUX even to thereby select second MUX decision results among the outputs of the over-sampler odd.

7. The look-ahead decision feedback equalizing receiver of claim 5, wherein the MUX block includes:

a MUX even for multiplexing the outputs of the oversampler even in accordance with a first select signal from the MUX odd to thereby select first MUX decision results among the outputs of the over-sampler even; and

a MUX odd for multiplexing the outputs of the over-sampler odd in accordance with a second select signal from the MUX even to thereby select second MUX decision results among the outputs of the over-sampler odd.

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8. The look-ahead decision feedback equalizing receiver of claim 6, wherein the phase detector increases, decreases or fixes a delay in the timing of the sampling clock in accordance with the first and the second MUX decision results.

9. The look-ahead decision feedback equalizing receiver of claim 7, wherein the phase detector increases, decreases or fixes a delay in the timing of the sampling clock in accordance with the first and the second MUX decision results.